

CLAIM AMENDMENTS

1. (canceled)

1 2. (previously presented) The mount defined in claim 13
2 wherein the means can displace second coupling with respect to said
3 first coupling by an amount proportional to the relative
4 displacement of the two elements of the first coupling on change of
5 relative position of the machine and tool head attached to the
6 first-coupling elements.

2 - 6. (canceled)

1 7. (previously presented) The mount defined in claim 14
2 wherein said first elements have the same number of teeth and, in
3 the same way, said second elements have the same number of teeth.

8 - 12. (canceled)

1 13. (currently amended) In combination with a treatment
2 head of a tool machine and a member angularly positionable relative
3 to the treatment head, an angularly indexable ~~mount for angularly~~
4 ~~relatively positioning a member and a treatment head of a tool~~
5 ~~machine,~~ the mount comprising:

6 a first coupling having first and second elements
7 displaceable relative to each other, each formed with a respective

8 array of a respective predetermined number of teeth, and
9 respectively connected to the machine member and the treatment
10 head, the number of teeth of the first-coupling first element
11 varying by more than one from [[than]] the number of teeth of the
12 first-coupling second element;

13 a second coupling having first and second elements
14 engageable with the first and second elements of the first
15 coupling, fixed relative to each other and each formed with a
16 respective array of a respective predetermined number of teeth, the
17 number of teeth of the second-coupling first element varying by
18 more than one from the number of teeth of the second-coupling
19 second element; and

20 means for shifting the couplings relative to each other
21 between a disengaged position with the teeth of the first coupling
22 out of engagement with the teeth of the second coupling and a work
23 position with the teeth of the first elements meshing and the teeth
24 of the second elements meshing such that a minimum resolution is
25 produced from a difference between a pitch of more than one tooth
26 of the first toothed element of the first coupling and a pitch of
27 more than one tooth of the second toothed element of the first
28 coupling.

1 14. (previously presented) The mount defined in claim
2 13 wherein the arrays are annular and centered on a common axis
3 with the first elements within the respective second elements and
4 the teeth are uniformly angularly distributed in the arrays.

1 15. (previously presented) The mount defined in claim
2 14 wherein the teeth project axially from the respective elements.